

Converting Colors

CIELCh(68, 23.493, 48.102)

Have a look what the booklet for
CIELCh(68, 23.493, 48.102) contains.

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Color

CIELCh(68, 23.445, 48.519)

Conversions

Conversions Part 1

Format	Color
Hex	CC9B87
RGB	204, 155, 135
RGB Percent	80%, 61%, 53%
CMY	0.2005, 0.3926, 0.4710
CMYK	0.00, 0.24, 0.34, 0.20
HSL	17°, 40%, 66%
HSV	17°, 34%, 80%
XYZ	40.9372, 37.9720, 28.0529
YIQ	167.3710, 35.6240, 4.1680

Conversions

Conversions Part 2

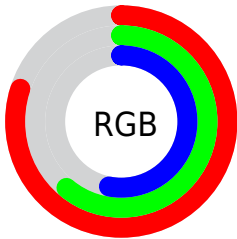
Format	Color
RYB	204, 163, 135
Decimal	13409159
CIELab	68.00, 15.53, 17.56
CIElCh	68, 23.445, 48.519
Yxy	37.9720, 0.3827, 0.3550
Android (android.graphics.Color)	4291599239 (0xFFCC9B87)
YUV	167.3710, -15.9589, 32.1236
Hunter-Lab	61.6215, 10.7461, 16.1435

Details

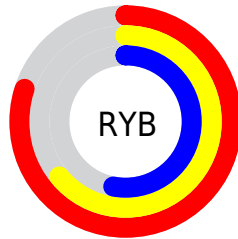
The CIELCh color **68, 23.445, 48.519** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 18.977, 233.657**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.045, 53.118**, and **48, 23.328, 49.471** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.592, 48.217**, and if you desaturate by 10%, it is **72, 15.878, 48.942**.

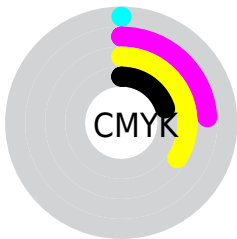
Distribution



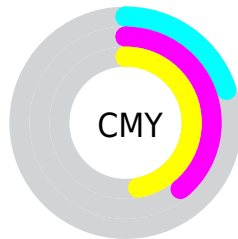
- Red (80%)
- Green (61%)
- Blue (53%)



- Red (80%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 23.445, 48.519 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 23.445, 48.519 by changing the saturation by 10% instead.

 68, 23.445, 48.519

 68, 23.445, 48.519

 100, 23.445,
48.519

 58, 23.445, 48.519

 88, 23.445, 48.519

 48, 23.445, 48.519

 98, 23.445, 48.519

 38, 23.445, 48.519

 28, 23.445, 48.519

 18, 23.445, 48.519

 8, 23.445, 48.519

 0, 23.445, 48.519

 68, 23.445, 48.519

 68, 23.445, 48.519

 64, 31.592, 48.217

 72, 15.878, 48.942

60, 40.316, 48.036

76, 8.867, 49.433

57, 49.542, 47.980

80, 2.366, 49.857

54, 59.058, 47.996

85, 3.675, 230.847

51, 68.358, 47.906

89, 9.308, 231.423

48, 76.373, 47.285

93, 14.071,
227.918

47, 80.507, 46.736

97, 16.909,
198.384

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 23.445, 48.519



72, 18.977, 233.657

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 23.445, 48.519



68, 23.445, 98.519



68, 23.445, 228.519



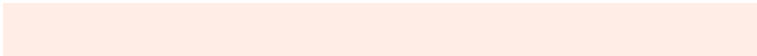
68, 23.445, 278.519

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 23.444, 48.526



95, 7.576, 49.620



65, 37.071, 336.042



50, 5.197, 49.549



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 23.444, 48.526



80, 35.112, 48.277



77, 29.400, 95.363



41, 3.575, 49.656



38, 68.646, 47.219



6, 15.338, 36.553

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72, 18.977, 233.657



86, 26.845, 234.874



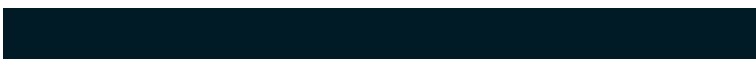
63, 30.467, 284.370



41, 3.397, 231.062



46, 34.803, 253.766



8, 12.007, 242.285

Previews

White Background



This preview shows how the CIELCh color 68, 23.445, 48.519 looks on a white background.

Color Contrast Check

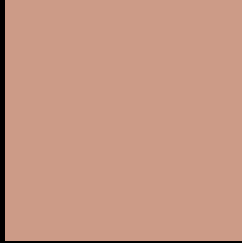
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 23.445, 48.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

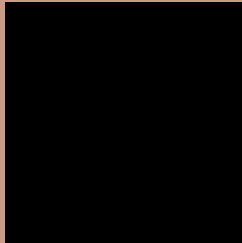
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 23.445, 48.519

Background



This preview shows how black text looks on a background with the CIELCh color 68, 23.445, 48.519.



This preview shows how white text looks on a background with the CIELCh color 68, 23.445, 48.519.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68, 23.445, 48.519

Protanopia

68, 14.687, 94.362

Deuteranopia

68, 19.859, 63.460



Tritanopia
68, 22.848, 5.099

Trichromacy



Original Color
68, 23.445, 48.519

Protanomaly
68, 16.510, 72.243

Deuteranomaly
68, 21.114, 58.599

Tritanomaly
68, 21.680, 20.038

Monochromacy



Original Color
68, 23.445, 48.519

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.001, 52.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 23.445, 48.519 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 23.445, 48.519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 155, 135) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 155, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 23.445, 48.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
155, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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